

ABSTRACT OF THE DISCLOSURE

5 ELECTRICAL CONNECTOR, LED ASSEMBLY, AND METHOD OF ASSEMBLY THEREFOR

10 An electrical connector for connecting multiple light emitting diodes (LEDs) in parallel to a two-wire electrical supply bus, made up of upper and lower halves that snap together and contact pins that pass through holes in the upper half to make insulation displacement connections with the conductors of the supply bus. Assemblies including large numbers of LEDs are made by snapping connectors onto the bus, inserting contacts into the connectors, and connecting LEDs to the contact pins, although not necessarily in that order. The contact pins may be hollow to receive the LED leads. Also, the positions of the holes in the upper halves of the connectors, and
15 therefore of the contact pins, may be staggered, so that the spacing between the contacts can be made equal to the pitch between the leads of the LEDs without spacing the conductors of the supply bus further apart.